

QUERY CONTROL FORM

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Application No. 09/811,749
Examiner-GAU SANGHAVI - 2874

Prepared by NMB
Date 5-19-04
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JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number 09/811,749
Filing Date March 19, 2001
First Named Inventor Kerry I. Litvin
Group Art Unit 2874
Examiner Name
Attorney Docket Number 10622-4US

U.S. PATENT DOCUMENTS

Exr Initials	U.S. Patent Document Number	Kind Code (if known)	Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-YYYY
	5,173,956		Hayes	12-1992
	5,517,022		Bock et al.	05-1996
	5,555,119		Lewis	09-1996
	5,999,293		Manning	12-1999
	6,188,511		Marcenac et al.	02-2001

FOREIGN PATENT DOCUMENTS

Exr Initials	Country Code	Foreign Patent Document Number	Kind Code (if known)	Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-YYYY	T ₁

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exr Initials	Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ₁
✓	International Search Report for PCT Application No. PCT/US02/06850, mail date July 18, 2002, 3 pages.	X
✓	TAJIMA, K. ET AL: "Ultrafast Semiconductor All-Optical Switch Based on Highly Efficient Incoherent Nonlinearity with Slow Relaxation" Optoelectronics Devices and Technologies, Mita Press, Tokyo, JP, Volume 10, Number 4, December 1, 1995, pages 505-514.	X
✓	RIZA, N.A.: "Acousto-optically Switched Optical Delay Lines", Optics Communications, North-Holland Publishing Company, Amsterdam, NL, Volume 145, Number 1-6, 1998, pages 15-20.	X
	PORTE, H. ET AL.: "An LiNbO ₃ Integrated Coherence Modulator, Journal of Lightwave Technology, IEEE. New York, US. Volume 10, Number 6, June 1, 1992, pages 760-766.	X

Examiner
Signature

Date
Considered

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T₁ - Place a check mark if English language translation is attached.
County Code - see Phila Doc #52886
Kind Code - see Phila Doc # 99754

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number 10622-4US	

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U.S. PATENT DOCUMENTS				
Exr Initials	U.S. Patent Document		Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code (if known)		
	5,060,305		Prucnal et al.	10-22-1991
	5,073,980		Prucnal et al.	12-17-1991
	5,493,433		Prucnal et al.	02-20-1996
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	5,841,560		Prucnal	11-24-1998
	5,917,979		Prucnal	06-29-1999
	5,926,496		Ho et al.	06-20-1999

FOREIGN PATENT DOCUMENTS						
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	Country Code	Number	Kind Code (if known)			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exr Initials	Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ₁
✓	NAKAMURA et al., "168 Gbps Error-Free Demultiplexing With Hybrid-Integrated Symmetric Mach-Zehnder All-Optical Switch," Optical Fiber Conference 2000 Technology Digest, pp. 81-83, (March, 2000).		X
✓	SOKOLOFF et al., "A Terahertz Optical Asymmetric Demultiplexer (TOAD)," IEEE Photonics Technology Letters, vol. 5, no. 7, pp. 787-790 (July, 1993).		X
✓	KANG et al., "Ultrafast Optical Time Demultiplexers Using Semiconductor Optical Amplifiers," International Journal of High Speed Electronics and Systems, vol. 7, no. 1, pp. 125-151 (1996).		X
✓	GLESK et al., "Demonstration of Ultrafast All-Optical Packet Routing," Electronics Letters, vol. 33, no. 9, pp. 794-795 (April, 1997).		X
✓	LEVY et al., "Fabrication of Ultracompact 3-dB 2 x 2 MMI Power Splitters," IEEE Photonics Technology Letters, vol. 11, no. 8, pp. 1009-1011 (August, 1999).		X
✓	CHIN et al., "Design and Modeling of Waveguide-Coupled Single-Mode Microring Resonators," Journal of Lightwave Technology, vol. 16, no. 8, pp. 1433-1446 (August, 1998).		X

Examiner Signature		Date Considered	
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Form PTO/SB/08A				Complete if Known	
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				Filing Date	March 19, 2001
				First Named Inventor	Kerry I. Litvin
				Group Art Unit	2874
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	10622-4US

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